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SIA TT-66-10329

K. H. Schulz

Sci-DM
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POLYETHYLENOXIDE DERIVATIVES AS A SURFACE
ANESTHETIC. [1963] 10p
Order from SLA \$1.10

TT-64-10503

Trans. of Dermatologische Wochenschrift (East
Germany) 1952 [v. 126] no. 28, p. 657-[662].
(Abstract available)

DESCRIPTORS: *Integumentary system, Skin, Mem-
branes (Biology). *Anesthetics. *Analgessics and
antipyretics, Ethylene Oxides, Drugs.

The application of the polyethylenoxide ethers of the
dodecyl alcohols (Sch 600) is reported as a surface
anesthetic in the treatment of progressing skin lesions
with pain or itching on the basis of 63 cases. It showed
a good analgesic effect in painful wounds, burns and
(Biological Sciences--Pharmacology, TT, v. 11, no. 9)
(over)

TT-64-10503

1. Title: Dodecyl poly-
ethylenoxide ethers
2. Title: Sch-600
1. Schulz, K. -H.

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CSO DC-50/10

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HQA TT F10,270

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Electrode Drops and Arc Gradients in High Pressure
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NASA TT F-9234

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DESCRIPTORS: *Rare gases, Neon, Argon, Krypton,
Xenon, *Electric discharges, Infrared spectroscopy,
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MERIZATES OF ACROLEIN. [1962] 3p. 8 refs.
Order from SLA \$1.10 62-16963

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DESCRIPTORS: *Acroleins, *Polymers, Polymer
solutions, Polymerization, Oxidation-reduction
reactions.

(Chemistry--Organic, TT, v. 8, no. 10)

62-16963

I. Schulz, R. C.
II. Kovacs, J.
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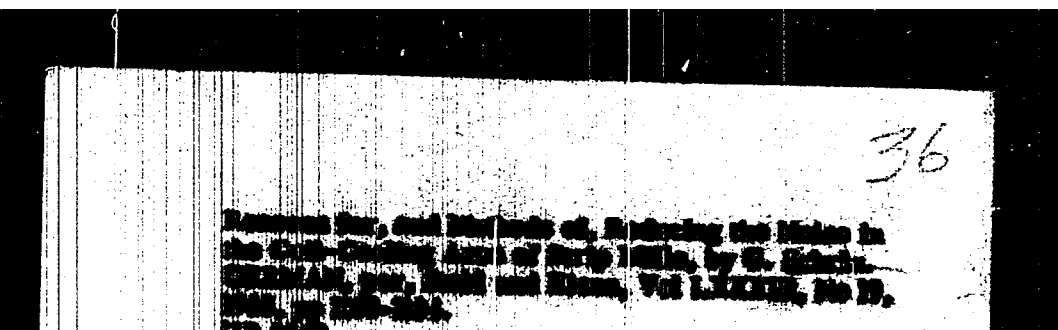
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sis, Stereochemistry, Molecular structure, Phos-
phoric acids, *Cellulose acetates, *Reaction
kinetics.

(Materials--Plastics, TT, v. 10, no. 2)

63-14160

I. Title: Macromolecular
chemistry
I. Schulz, G. V.
II. Loehmann, H. J.
III. Title: Macromolecular ...

63-14160

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NTC 69-10931-07A

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NTC 69-10827-11B

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Diodes (Semiconductors), Electronic equipment

(Engineering--Electronic, TT, v. 9, no. 9)

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Office of Technical Services

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Sci - Chem

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ATS 343-G7

Sci - Chem

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61-10860

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The polymerization of methyl vinyl ketone by azobisisobutyronitrile and the structure of the polymers are discussed. Reactions of the polymeric ketone are described in which only one carbonyl group per fundamental unit reacts (reduction to secondary alcohol, oxime formation, Girard derivative). In a series of other reactions, poly(methyl vinyl ketone) reacts like a 1,5-diketone and enters into intramolecular cyclization reactions to various extents. Conditions were found under which intramolecular cyclization becomes the main reaction, without any cross-linking. (Author)

1. Ketones--Polymerization
2. Vinyl polymers--Chemical reactions
1. Schulz, R. C.
- II. Vielhaber, H.
- III. Kern, W.

Office of Technical Services

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TT, v. 5, no. 12)

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REACTIONS OF POLYACROLEINS WITH REACTIVE
POLYMERS. Presented at the Scientific Meeting
(no. 20) of the Kolloid-Gesellschaft, Bad Oeynhausen,
19-20 Oct 61. [1963] [11p] 36refs
Order from SLA \$1.60

TT-64-10680

Trans. of Kolloid-Zeitschrift [und Zeitschrift
für Polymere] (West Germany) 1962, v. 182,
[no. 1/2] p. 99-104. (Abstract available)

DESCRIPTORS: *Acroleins, Polymerization,
*Aldehydes, Carboxylic acids, Amines, Alcohols,
Mercaptans, *Graft polymers, Biochemistry,
*Membranes.

The radical chain polymerization of acrolein yields
polymers containing aldehyde groups. These are able
to undergo a variety of reactions. Only two types of
reactions are discussed in this paper: namely the
(Chemistry--Organic, TT, v. 11, no. 11) (over)

TT-64-10680

1. Title: Polyacroleins
1. Schulz, R. C.

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no. 6, p. 32-37.

(Chemistry--Organic, TT, v. 5, no. 6)

61-12405

- I. Acrolein--Polymerization
- I. Schulz, R. G.
- II. ATS-19M46G
- III. Associated Technical
Services, Inc.,
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Office of Technical Services

61-16536

Schulz, Rolf C.
INVESTIGATIONS ON THE STRUCTURE OF DIAC-
RYL AND OTHER POLYMERIC ACROLEINS, 5.
[Paper] presented in extract form at the Macromolecu-
lar Colloquium [held at] Freiburg, 8 Mar 57; Inaugural
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56 refs.

Order from SLA \$3.60

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no. 6, p. 303-312.Another translation is available from SLA m\$3.00,
ph\$6.30 as 59-15697 [1959] 31p.

DESCRIPTORS: *Acroleins, Polymers

For abstract see Technical Translations 2: 272, 1959.

(Materials - Plastics, TT, v. 6, no. 5)

I. Schulz, R. C.
II. Title: Macromolecular...
III. Mainz U. (West Germany)

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JPRS 5796

EEur - Germany

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Results of Static Investigations on the Water Regime
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A Method of Dynamic Programming and Its
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23 pp.

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Forschung, September 14-18, 1964. P910205167
NASA TT F-483

W. Schulz

Sci - Mech, Industrial, Civil,
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Jnn 67

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62-22142

- I. Schulz, W.
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A Method of Dynamic Programming and its
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Flight Mechanics, by W. Schulz,

H. H. Schulze.

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Vol XX, 1962, pp 105-113.

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Process and Device for the treatment of
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GER. Pat. No. 955,943.
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*ARC ORNL-TR-1144

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JPRS 14985

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JPRS-3055

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Soc - Education
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Sci - Engr

Dec 59

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Sci - Engg.

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JPRS 7251

ESUR - Germany
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technische Reichanstalt, Berlin Survey,

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NTC 69-10763-11F

A. Schulze

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Order from SLA \$1.60

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Trans. of [Deutsche] Elektrotechnik (Germany) 1950,
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DESCRIPTORS: *Heating elements, *Alloys,
*Electrical conductivity, Resistance, Electrochemistry,
*Copper alloys, *Chromium alloys, *Iron alloys,
*Nickel alloys.

(Engineering--Electrical, TT, v. 10, no. 2)

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I. Schulze, A.

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Behavior of Metal Heater Wires When Tested for
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Sci - Min/Metals
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SLA-57-151

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SLA Tr 57-2795

Sci

Jul 58

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The Electrical Properties of Thin Metal Films,
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SLA 57-3062

Sci

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6 Lebensmittel Technologie und Verpackung:
G 2006E, undated, pp 94-102.
ACSI J-4326
ID 2834022567

A. Schulze

EE-West Germany
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QMT Tr 492

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SLA 59-20389

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Vol 2, No 12

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Schulze, A.

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 METALLIC MATERIALS FOR THERMOCOUPLES
 USING BASE METALS [Über Metallische Werkstoffe
 für Thermoelemente. II. Abschnitt. Metallische
 Werkstoffe für Thermoelemente aus Unedlen Metallen].
 [1962] 128 pp. (Hgs. omitted) 32 refs.
 Order from SLA 82.50

62-18428

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 [Metalltechnik] (Germany) 1939, v. 18, no. 11,
 p. 271-276.

DESCRIPTORS: Thermocouples, Thermoelectricity,
 Metals, Temperature, Electrodes, Thermoelectricity,
 Alloys, Oxidation, Materials.

(Physics) Thermodynamics. II, v. 9, no. 7.

62-18428

I. Schulze, A.
 II. Titus Metall...

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72-18-129

Schulze, A.
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[Über Metallische Werkstoffe für Thermoelemente].
[1962] 22p. (Eng. prof. omitted).
Order from SLA 52,500

Trans. of [Metallwissenschaft] Metallwissenschaft
[Metalltech. (Germany)] 1959, v. 18, no. 12,
p. 249-254

DESCRIPTORS: Thermocouples; Thermoelectricity;
Metals; Temperature; Analysis; Heat; Semiconductors;
Microthermal Analysis.

72-18-129

(Physics of aerodynamics, IT, v. 9, no. 7)

Office of Technical Services

62-18303

Schulze, A.

METALLIC MATERIALS FOR THERMO[COUPLERS].
III. THERMOELECTRIC CHARACTERIZATION OF
METALLIC MATERIALS [Über Metallische Werkstoffe
für Thermoelemente, III. Abschnitt. Thermoelektri-
sche Charakterisierung der Metallischen Werkstoffe].
[1962] 21p. (figs. [refs.] omitted).
Order from SLA 52. 60

62-18308

Trans. of [Metallwirtschaft] Metallwissenschaft [Metal-
techniek] (Germany) 1939, v. 18, no. 15, p. 315-320.

DESCRIPTORS: *Thermocouples, Thermoelectricity,
Temperature, Metals, Alloys, Electrodes, Materials.

(See also 62-18328)

(Physics--Thermodynamics, TT, v. 9, no. 7)

I. Schulze, A.
II. Title: Thermoelectric ...

Office of Technical Services

62-18639

Schulze, A. and Eicke, M.

ELECTRIC BEHAVIOR OF THIN METAL COATINGS.

III. RESULTS OF MEASUREMENT. [1962] 23p.

(figs. refs. omitted).

Order from SLA \$2.60

62-18639

Trans. of Metall (West Germany) 1953, v. 7, no. 5/6,
p. 171-182.DESCRIPTORS: *Metal coatings, *Thin films, Resist-
ance (Electrical), Temperature.

See also 62-18578.

(Metallurgy, TT, v. 9, no. 6)

I. Schulze, A.

II. Eicke, M.

III. Title: Results...

Office of Technical Services

62-18578

Schulze, A. and Eicke, H.

ELECTRIC BEHAVIOR OF THIN METAL COATINGS.

I. OUTLINING THE PROBLEM. II. EXPERIMENTAL
ARRANGEMENT AND MEASURING METHODS.

[1962] 6p. (figs. refs. omitted).

Order from SLA \$1.10

62-18578

Trans. of Metall (West Germany) 1953, v. 7, no. 3/4,
p. 106-108.

DESCRIPTORS: *Metal coatings, *Thin films,
Resistance (Electrical), Temperature.

(Metallurgy. TT, v. 9, no. 6)

- I. Schulze, A.
- II. Eicke, H.
- III. Title: Outlining...
- IV. Title: Experimental...

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54
Soldiers Bread, by A. Schulze.

GERMAN, per. Landeswehrverwaltung (Sonderheft 6
Lebensmittel Technologie Und Verpackung 8 2000L),

p 53.

*ACSI 1-4326

ID 2834022567

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Feb 68

A. Schulze

SCHULZE, A.

The Selection and Behaviour of Metallic Materials
for Thermocouples

Elektrotechnik, III, 3, pp 65-70, Mar 1949

RAE Farnborough Translation

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Germany

Behavior of Metal Heating Wires When Tested for
Service Life, 2nd Part II, by A. Schmalz, D. Bender.

GERMAN, per, Metall, Vol IX, No 19/20, 1955,
pp 878-882.

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\$5.90

Sci - Min/metals

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Electron-Microscopical Investigations of Im-
pregnated Woods, by A. H. Arn, B. Schulze.
GERMAN, per, Holz als Roh- und Werkstoff, VI 14,
No 7, 1956, pp 232-235.
REC-69-12758-111

B Schulze

Sci-Mat
Sept 69

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Schulze, B. and Taeden, G.
THE PENETRATION OF WOOD PRESERVATIVES.
[1963] [80p] (figs omitted) 52refs
Order from SLA \$7.60 63-18554

Trans. of [Holzforschung] (West Germany) 1950, v. 4,
no. 3/4, p. 79-107.

DESCRIPTORS: *Wood, *Preservation, Penetration,
Liquids, Paints, Sprays, Impregnation, *Protective
treatments.

(Materials--Wood, TT, v. 10, no. 11)

63-18554

I. Schulze, B.
II. Taeden, G.

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Conclusion Arrived at as a Result of Comparative
Tests With Fungus Resistant Protection Materials⁽¹⁾
by B. Schulze, G. Theden.

GERMAN, for, Wiss Abh Deutsch Materialprue-
fungstent, Vol II, No 7, Mar 1950.

ASLIB-GB54

Sci - Biol

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Intensive Protective Treatment of Standing Pine Poles
by Impregnation in Vats Following High-frequency
Heating, by Bruno Schulze, 60 pp.

Full translation.

GERMAN, per, "Elektrizitatzwirtschaft", Vol XV, No 3,
Mar 1951.

27,263 S.L.A.

Scientific - Chemistry

Aug 55

Laboratory Testing of Wood Preservatives Against
Marine Fests, by Gunther Becker, Bruno Schulze,
8 pp. UNCLASSIFIED

GERMAN, per, Wiss Abhandl Deutsch Materialprufung-
anstalt, Vol 11, No 7, 1950, pp 76-83.

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Scientific - Biology

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Investigations on the Fungistatic and Insecticidal
Effect of Fractions and Individual Products of
Coal Tar Oils, by Bruno Schulze, Gunther Becker.
UNCLASSIFIED

GERMAN, per, Holzforschung, Vol II, No 4, Berlin,
1948.

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Scientific - ~~SECRET~~, biology

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¹⁴
Hereditarily Conditioned Structural Anomalies in
Human Teeth, by C. Schulze, 10 pp. UNCLASSIFIED

GERMAN, Proceedings of the First Intl Congress of
Human Genetics, Part 4, 1957, pp 231-235.

NIE 2-18

Sci - Med

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Hereditarily Conditioned Structural Anomalies in
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GERMAN, IMA Proceedings of the First International
Congress of Human Genetics, Part 5, 1957, pp 233-235

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Sci
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Schulze, Dietrich.
PREPARATION, PROPERTIES, AND USES OF
SILICON MONOXIDE. [1961] 16p. 42 refs.
Order from SLA \$1.60

61-20516

Trans. of Chemische Technik (East Germany) 1956,
v. 8, no. 6, p. 341-346.

DESCRIPTORS: *Silicon compounds, *Monoxides,
Synthesis, Physical properties, Thermochemistry.

(Chemistry--Physical, TT, v. 7, no. 1)

61-20516

I. Schulze, D.

184279

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The Alkali-Graphite Compounds, by W. Padorff
and E. Schulze,
GERMAN, ber. f. anorg. Allg. Chemis., Vol 277,
1954, pp 156-171.

BISI 7595

E. Schulze

Mar 71

INSTRUCTIONS FOR THE CULTIVATION OF HEMP-CANFORS
SERIAL SHEET, BY H. J. REITER, E. SCHULTZ, 15 PP.

GERMANY, PER, WISSENSCHAFTLICH-TECHNISCHER FORTSCHRITT
FÜR DIE LANDWIRTSCHAFT, VOL. 14, NO 2, FEB 1963,
PP 74-78.

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The Alkali-Graphite Compounds, by W. Rudorff,
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GERMAN, PER, Z fur Anorg Chemie, 1954, Vol CCIXXXVII,
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Schulze, G.

MAXIMUM POTENTIAL OF ELECTROLYTIC VALVE
EFFECT IN FUSED SALTS. [1963] 14p 8 refs

Order from SLA \$1.60

TT-64-10110

Trans. of Z[schrift fur] Elektrochem[ie] (Germany)
1911, v. 17, p. 509-514.

DESCRIPTORS: *Fused materials, Salts, Electrical
properties, Electrochemistry.

(Chemistry--Physical, TT, v. 11, no. 4)

TT-64-10110

L. Schulze, G.

Office of Technical Services

Schulze, G. and Brünig, M.
THE ACTION OF PHENYLETHYLACETIC ACID, PHEN-
YLETHYLACETIC ACID AMIDE AND ISOBUTYRIC
ACID ON THE FAT AND CO-ENZYME "A" CONTENT
OF THE LIVERS OF NORMAL RATS AND RATS WITH
CHOLINE DEFICIENCY. 6p 21refs.

Order from SLA \$1.10

TT-64-16001

Trans. of [Nauyn-Schmiedeberg's] Archiv für Experi-
mentelle Pathologie und Pharmakologie (West
Germany) 1959, v. 235, no. 5, p. 412-420.

TT-64-16001

I. Schulze, G.
II. Brünig, M.

(Biological Sciences--Pharmacology, TT, v. 12, no. 6)

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Schulze, G. A. and Trappe, H. J.
THE PLOTTING OF SALT FLANKS WITH SEISMIC
METHODS (Das Kartieren von Salzflanken mit
Seismischen Methoden). [1962] [8]p. (foreign text in-
cluded) 1 ref.
Order from SLA 51.10

62-16524

Trans. of Erdöl und Kohle (West Germany) 1956, v. 9,
no. 9, p. 580-583.

DESCRIPTORS: *Geophysical prospecting, *Salts,
Deposits, *Stratigraphy, Test methods, *Seismic
waves.

(Earth Sciences--Seismology, TT, v. 9, no. 6)

62-16524

I. Schulze, G. A.
II. Trappe, H. J.

Office of Technical Services

62-17144

Schulze, G. E. R.
ON INTERMETALLIC COMPOUNDS. [1962] 6p.
Order from ATS \$10.75 ATS-71P59G

Trans. of Forsch[ungen] u[nd] Fortsch[ritte]
(Germany) 1961, v. 33, no. 9, p. 262-264.

DESCRIPTORS: *Intermetallic compounds.

- I. Schulze, G. E. R.
- II. ATS-71P59G
- III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS/452-GJ

(221800)

(Chemistry, TT, v. 8, no. 2)

Office of Technical Services